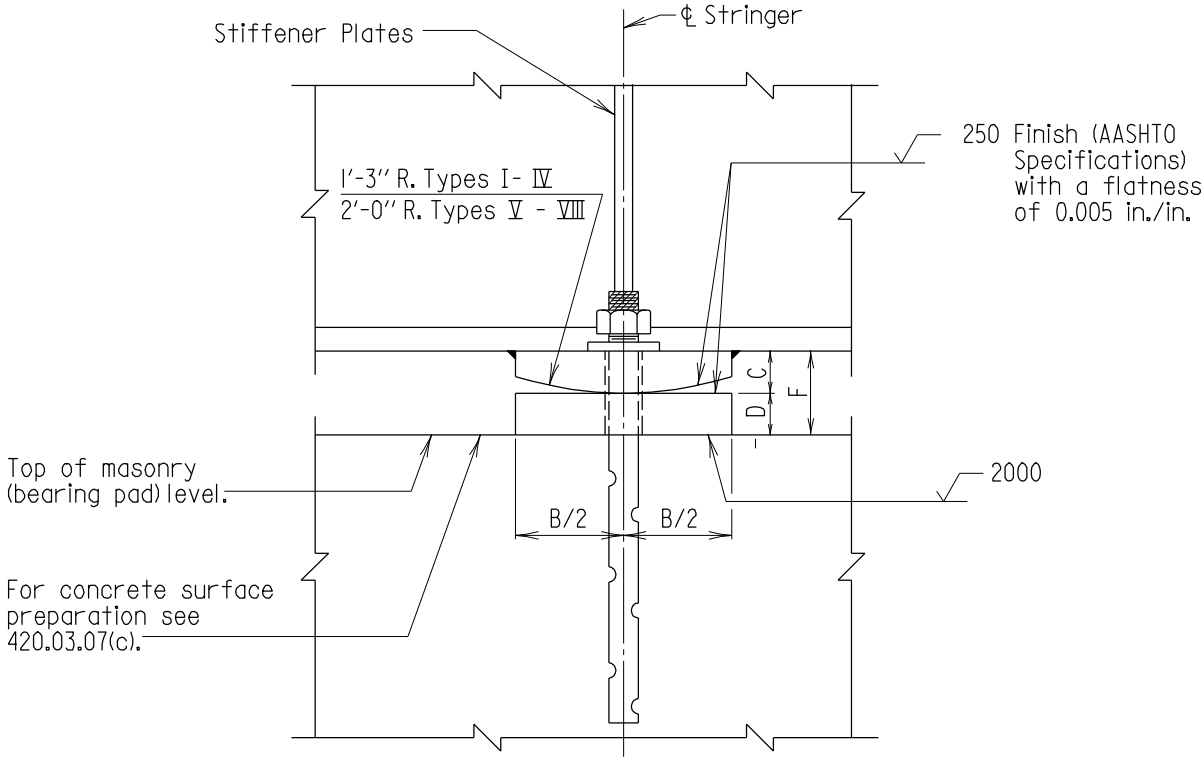

SIDE VIEW

Scale: 1½" = 1'-0"

DATA SCHEDULE

Type	Sole Plate			Masonry ℄			Hole Loc.	Hgt.	Loads (Kips)	
	A	B	C	A	B	D	E	F	Vert.	Dead
MF50 - I	20	9	1¾	20	9	1¾	8	3½	175	85
MF50 - II	22	11	1⅞	22	11	1⅞	9	3¾	240	120
MF50 - III	24	12	2	24	12	2	10	4	285	140
MF50 - IV	26	13	2¼	26	13	2¼	11	4½	335	165
MF50 - V	30	15	2½	30	15	2½	13	5	445	220
MF50 - VI	32	16	2¾	32	16	2¾	14	5½	510	255
MF50 - VII	34	18	2⅞	34	18	2⅞	15	5¾	610	305
MF50 - VIII	36	20	3	36	20	3	16	6	715	355

Note: All dimensions are in inches.

Note:

1. Sole and masonry plates to be ASTM A 709 Grade 50 steel painted to match finished bridge color.
2. Fill slots and holes around anchor bolts with nonhardening caulking compound or elastic joint sealer.
3. 1000 RMS (Finish all over) except where otherwise noted.
4. Rotation ½° ± Maximum.
5. Design Masonry Bearing Load 1.0 KSI.
6. Top of sole plate must be beveled to fit grade of bottom flange.
7. Unless otherwise noted, bearings shall be placed normal to ℄ of stringer.
8. Plates are to be shipped as units.
9. If more than one size bearing is called for, Contractor may furnish all bearings of the larger size provided the bearing pads are altered to accommodate same. No increase in any prices bid will be allowed if this option is selected.
10. All anchor bolts and washers shall be unpainted ASTM A 709 Grade 36 galvanized steel. All nuts shall be unpainted ASTM A 307 galvanized steel.
11. Medium span range is considered 50' to 150' simple span lengths.

APPROVAL	
C.S. Freedman DIRECTOR OFFICE OF STRUCTURES	
DATE: 11/19/99	
REVISIONS	
SHA	FHWA
1-22-01	·
3-13-01	·
FHWA APPROVAL	· ·
DATE:	· ·

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

FIXED BEARING
MEDIUM LENGTH SPANS
(GRADE 50 STEEL)

STANDARD NO. BR-SS(9.06)-99-336 SHEET 2 OF 3

SUPER - BEARINGS